

Figure 1

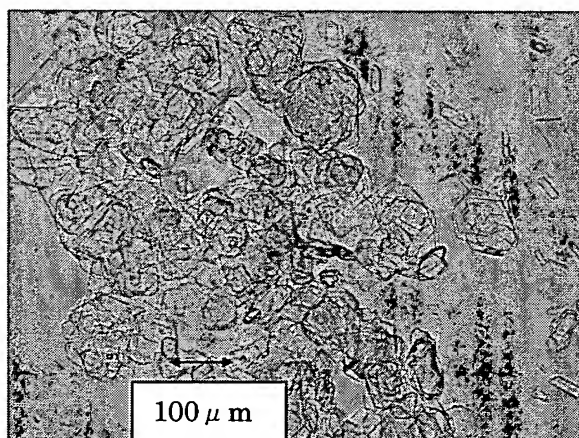


Figure 2

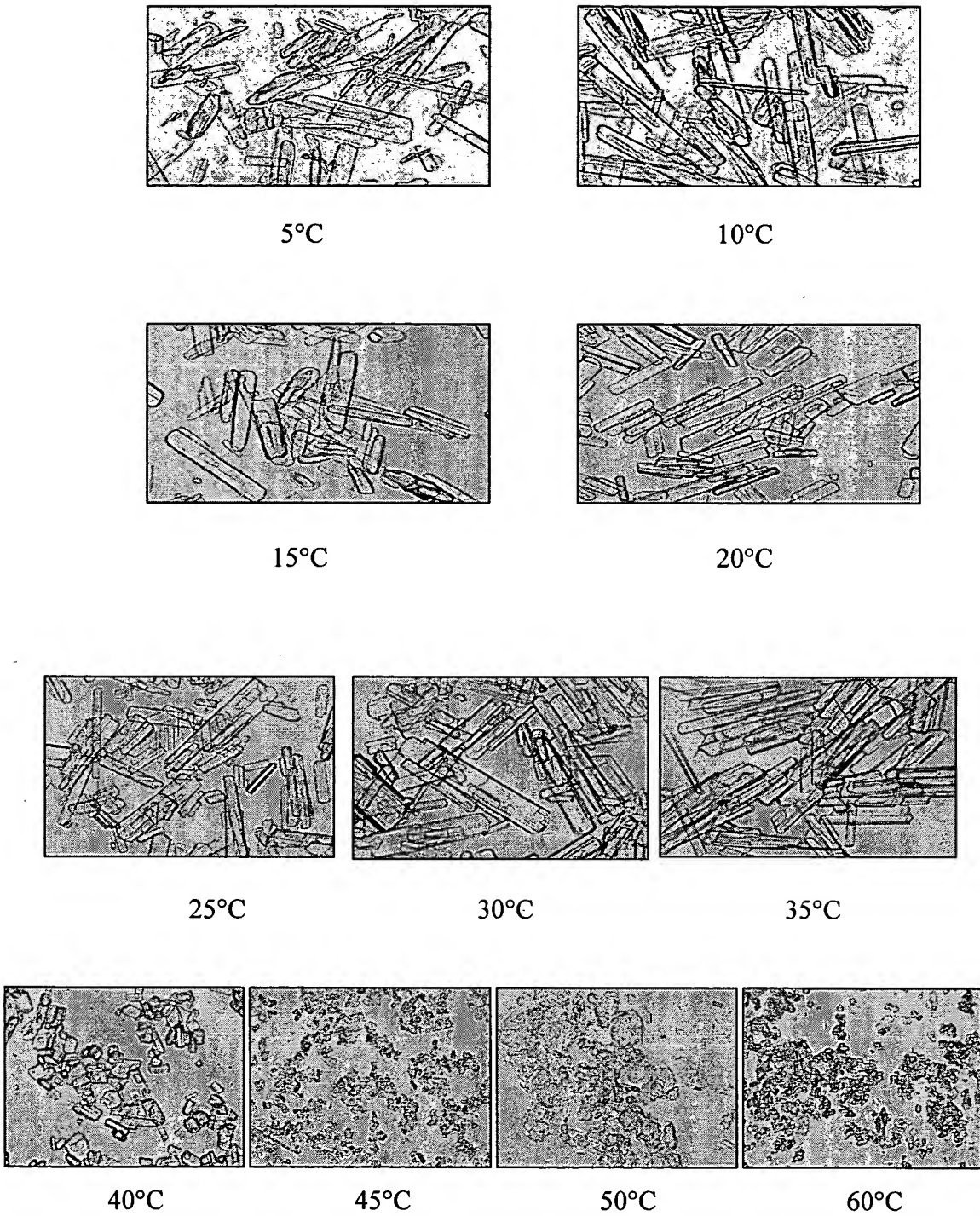
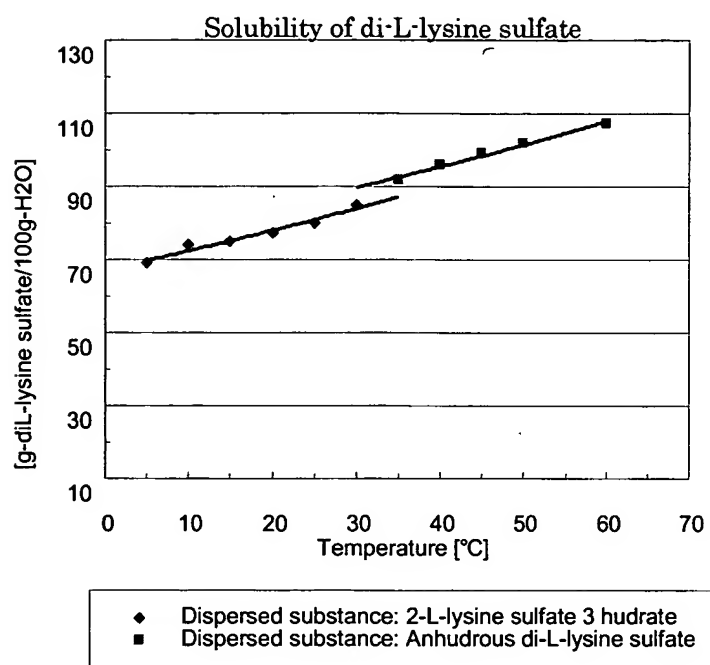


Figure 3

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[Fig. 4] The relation between temperature and the solubility of di-L-lysine sulfate.



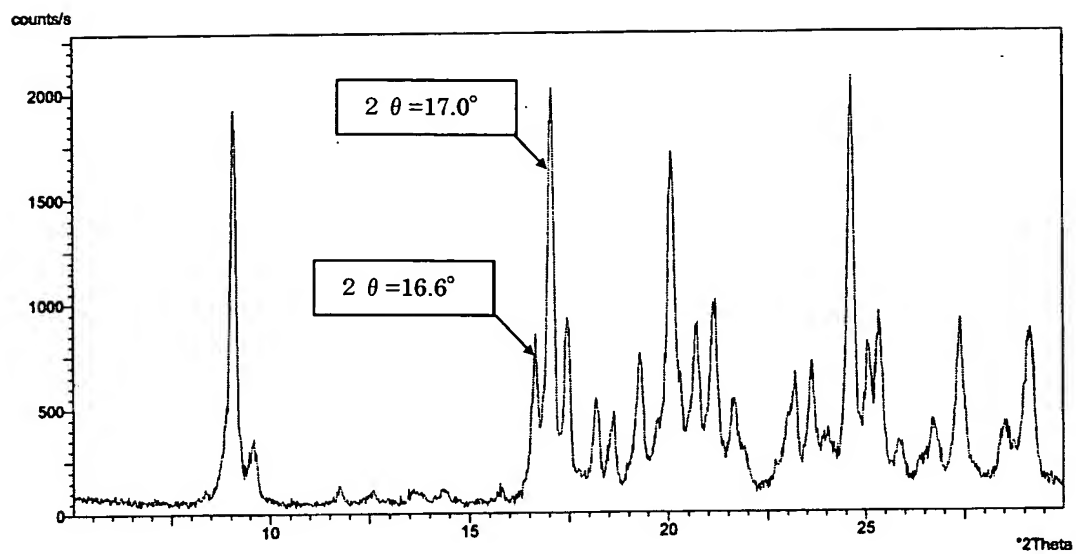


Figure 5

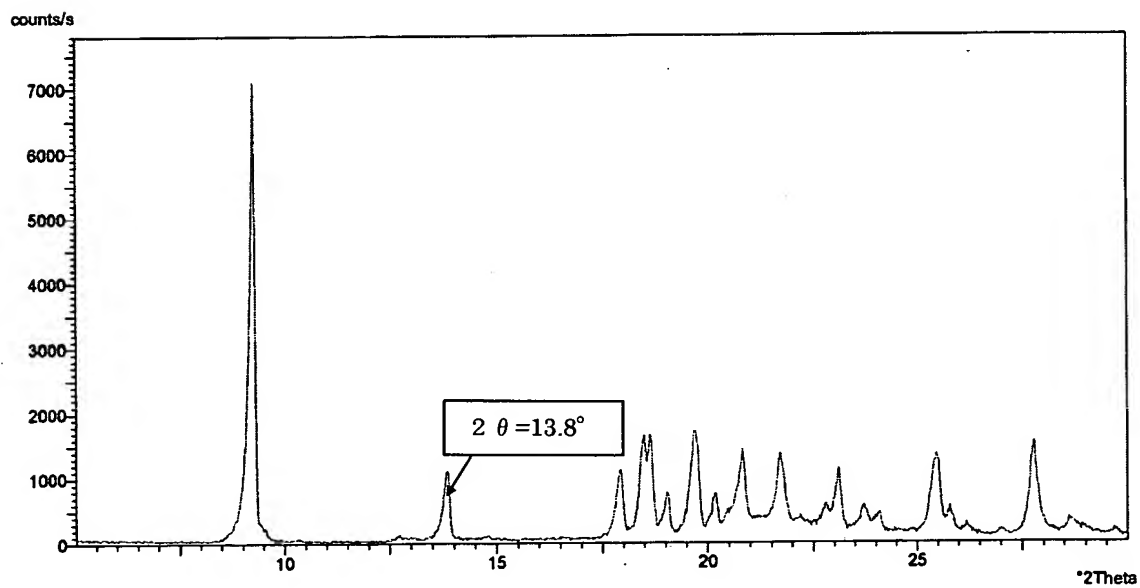
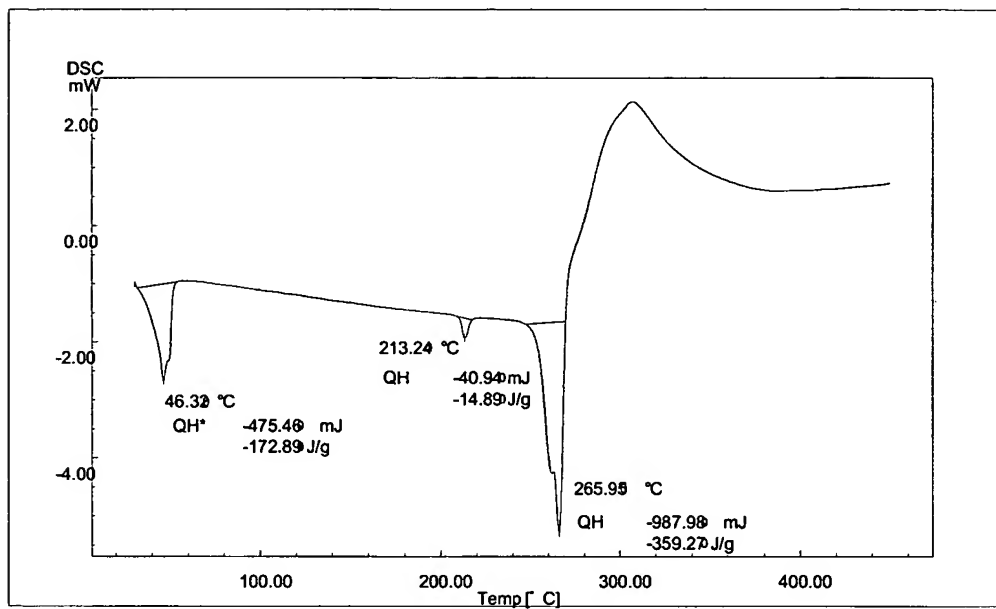


Figure 6

[Fig. 7] Thermal analysis results of 2-L-lysine sulfate 3 hydrate crystals

# Thermal analysis data



\*) QH means Quantity of Heat

File name: 2002-10-17 09:51.tad

Unit designation: DSC60

Collection date: 02/10/17

Collection time: 09:51:54

Sample designation: 2-lysine sulfate 3 hydrate [Al slow]

Sample quantity: 2.750 [mg]

Comments: ref empty

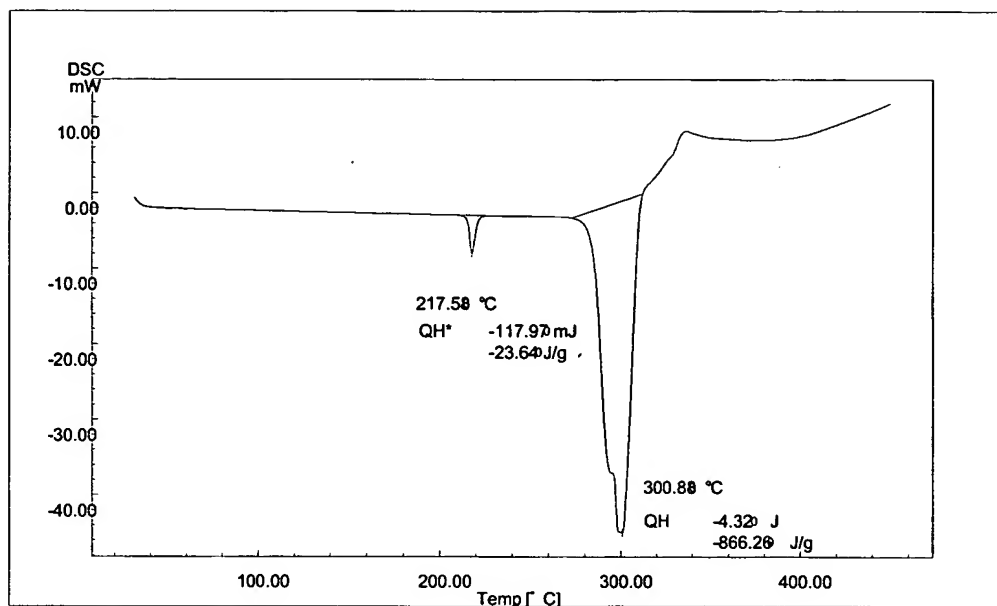
[Temperature Program]

Starting temperature: 30.0

Heating rate [°C/min]	Hold temp. [°C]	Hold time [min]	Gas
2.00	450.0	0	Nitrogen

[Fig. 8] Thermal analysis results of anhydrous 2-L-lysine sulfate

### Thermal analysis data



\*) QH means Quantity of Heat

File name: 2002-10-16 11:33.tad

Unit designation: DSC60

Collection date: 02/10/16

Collection time: 11:33:50

Sample designation: 2-lysine sulfate [Al]

Sample quantity: 4.990 [mg]

Comments: ref empty

[Temperature Program]

Starting temperature: 30.0

Heating rate [°C/min]	Hold temp. [°C]	Hold time [min]	Gas
10.00	450.0	0	Nitrogen

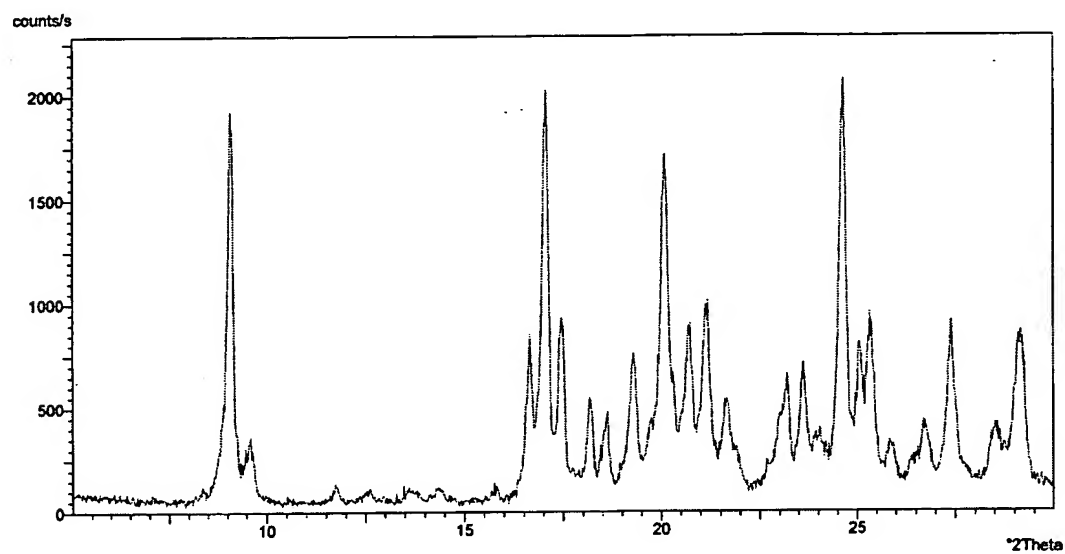
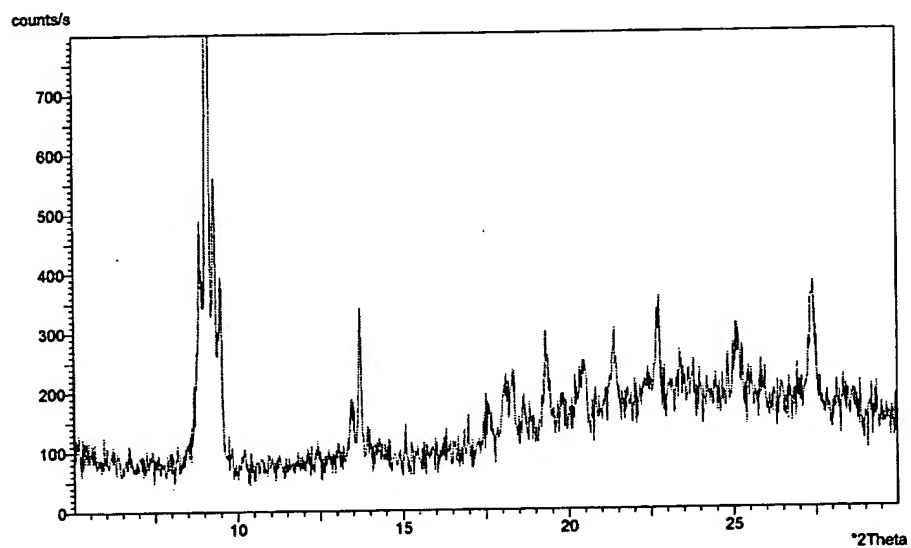


Figure 9

X'Pert Graphics & Identify  
Graph: 2 lysine sulfate(45deg-C)

bld\_3  
10/7/02 15:07

2 lysine sulfate(45deg-C)



Philips Analytical

Figure 10